

RAW SEQUENCE LISTING

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Application Serial Number: 10/588,234
Source: IFWP
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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/588,234

DATE: 08/11/2006

TIME: 11:40:25

Input Set : A:\004974.01210 sequence listing.txt

Output Set: N:\CRF4\08112006\J588234.raw

3 <110> APPLICANT: Bayer HealthCare AG
 5 <120> TITLE OF INVENTION: Diagnostics and Therapeutics for Diseases Associated with
 Plasma
 6 Kallikrein (KLKB1)
 8 <130> FILE REFERENCE: 004974.01210
 C--> 10 <140> CURRENT APPLICATION NUMBER: US/10/588,234
 C--> 10 <141> CURRENT FILING DATE: 2006-08-03
 10 <160> NUMBER OF SEQ ID NOS: 5
 12 <170> SOFTWARE: PatentIn version 3.2
 14 <210> SEQ ID NO: 1
 15 <211> LENGTH: 2245
 16 <212> TYPE: DNA
 17 <213> ORGANISM: Homo sapiens
 19 <400> SEQUENCE: 1

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21	gtgtttcag	aatgattta	ttcaagcaag	caacttattt	catttccttg	tttgcacag	120
22	tttcctgtgg	atgtctgact	caactctatg	aaaacgcctt	cttcagaggt	ggggatgttag	180
23	cttccatgt	caccccaaat	gcccaatact	gccagatgag	gtgcacattc	cacccaaggt	240
24	gtttgctatt	cagtttctt	ccagcaagtt	caatcaatga	catggagaaa	aggtttggtt	300
25	gcttcctgaa	agatagtgtt	acaggaaccc	tgccaaaagt	acatcgaaca	ggtgcagttt	360
26	ctggacattc	cttgaagcaa	tgtggtcata	aaataagtgc	ttgccatcga	gacattata	420
27	aaggagttga	tatgagagga	gtcaattttt	atgtgtctaa	ggttagcagt	gttgaagaat	480
28	gccaaaaaaag	gtgcaccaat	aacattcgct	gccagttttt	ttcatatgcc	acgcaaacat	540
29	ttcacaaggc	agagtaccgg	aacaattgcc	tattaaagta	cagtcccgga	ggaacaccta	600
30	ccgctataaaa	ggtgctgagt	aacgtggaaat	ctggattctc	actgaagccc	tgtgcccttt	660
31	cagaaattgg	ttgccacatg	aacatcttcc	agcatcttgc	gttctcagat	gtggatgttg	720
32	ccagggttct	cactccagat	gctttgtgt	gtcgacccat	ctgcacccat	cacccaact	780
33	gcctcttctt	tacattctat	acaaatgtat	ggaaaatcga	gtcacaaga	aatgtttgtc	840
34	ttcttaaaac	atctgaaagt	ggcacaccaa	gttcctctac	tcctcaagaa	aacaccatat	900
35	ctggatata	gcttttaacc	tgcaaaagaa	cttacctga	accctgccc	tctaaaattt	960
36	accggggagt	tgactttgga	ggagaagaat	tgaatgtgac	ttttgttaaa	ggagtgaatg	1020
37	tttgcacaaga	gacttgaca	aagatgattc	gctgtcagtt	tttcaacttat	tcttactcc	1080
38	cagaagactg	taaggaagag	aagtgtaaat	gtttcttaag	attatctatg	gatggttctc	1140
39	caacttagat	tgcgtatgg	acacaaggga	gctctggta	ctctttgaga	ttgtgtaa	1200
40	ctggggacaa	ctctgtctgc	acaacaaaaaa	caagcacacg	cattgttgg	ggaacaaact	1260
41	cttcttgggg	agagtggccc	tgcaggtga	gcctgcaggt	gaagctgaca	gctcagaggc	1320
42	acctgtgtgg	agggtcaactc	ataggacacc	agtgggtct	cactgctgcc	cactgctttg	1380
43	atgggcttcc	cctgcaggat	gttggcgc	tctatagtgg	cattttaaat	ctgtcagaca	1440
44	ttacaaaaga	tacacccccc	tcacaaataa	aagagattat	tattcaccaa	aactataaag	1500
45	tctcagaagg	gaatcatgat	atcgcccttga	taaaactcca	ggctcctttg	aattacactg	1560
46	aattccaaaa	accaatatgc	ctaccccttca	aagggtacac	aagcacaatt	tataccaact	1620
47	gttggtaac	cggatggggc	ttctcgaagg	agaaaggtga	aatccaaaat	attctacaaa	1680
48	agttaaatat	tcctttggta	acaaatgaag	aatgcagaa	aagatatcaa	gattataaaa	1740
49	taacccaaacg	gatggctgt	gctggctata	aagaaggggg	aaaagatgct	tgtaaggag	1800

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50 attcaggtgg tcccttagtt tgcaaacaca acggaatgtg gcgttggtg ggcacacaa 1860
 51 gctgggtga aggctgtgcc cgaggaggac aacctgggt ctacaccaaa gtcgctgagt 1920
 52 acatggactg gattttagag aaaacacaga gcagtgtgg aaaagctcg atgcagtcac 1980
 53 cagcatgaga agcagtcag agtctaggca attttacaa cctgagttca agtcaaattc 2040
 54 tgagcctggg gggtcctcat ctgcaaagca tggaggtgg catcttctt gcattctaag 2100
 55 gacgaaagac acagtgcact cagagctgct gaggacaatg tctgctgaag cccgcttca 2160
 56 gcacgcccgt aaccaggggct gacaatgcga ggtcgcaact gagatctcca tgactgtgtg 2220
 57 ttgtgaaata aaatggtgaa agatc 2245
 59 <210> SEQ ID NO: 2
 60 <211> LENGTH: 638
 61 <212> TYPE: PRT
 62 <213> ORGANISM: Homo sapiens
 64 <400> SEQUENCE: 2
 65 Met Ile Leu Phe Lys Gln Ala Thr Tyr Phe Ile Ser Leu Phe Ala Thr
 66 1 5 10 15
 67 Val Ser Cys Gly Cys Leu Thr Gln Leu Tyr Glu Asn Ala Phe Phe Arg
 68 20 25 30
 69 Gly Gly Asp Val Ala Ser Met Tyr Thr Pro Asn Ala Gln Tyr Cys Gln
 70 35 40 45
 71 Met Arg Cys Thr Phe His Pro Arg Cys Leu Leu Phe Ser Phe Leu Pro
 72 50 55 60
 73 Ala Ser Ser Ile Asn Asp Met Glu Lys Arg Phe Gly Cys Phe Leu Lys
 74 65 70 75 80
 75 Asp Ser Val Thr Gly Thr Leu Pro Lys Val His Arg Thr Gly Ala Val
 76 85 90 95
 77 Ser Gly His Ser Leu Lys Gln Cys Gly His Gln Ile Ser Ala Cys His
 78 100 105 110
 79 Arg Asp Ile Tyr Lys Gly Val Asp Met Arg Gly Val Asn Phe Asn Val
 80 115 120 125
 81 Ser Lys Val Ser Ser Val Glu Glu Cys Gln Lys Arg Cys Thr Asn Asn
 82 130 135 140
 83 Ile Arg Cys Gln Phe Phe Ser Tyr Ala Thr Gln Thr Phe His Lys Ala
 84 145 150 155 160
 85 Glu Tyr Arg Asn Asn Cys Leu Leu Lys Tyr Ser Pro Gly Gly Thr Pro
 86 165 170 175
 87 Thr Ala Ile Lys Val Leu Ser Asn Val Glu Ser Gly Phe Ser Leu Lys
 88 180 185 190
 89 Pro Cys Ala Leu Ser Glu Ile Gly Cys His Met Asn Ile Phe Gln His
 90 195 200 205
 91 Leu Ala Phe Ser Asp Val Asp Val Ala Arg Val Leu Thr Pro Asp Ala
 92 210 215 220
 93 Phe Val Cys Arg Thr Ile Cys Thr Tyr His Pro Asn Cys Leu Phe Phe
 94 225 230 235 240
 95 Thr Phe Tyr Thr Asn Val Trp Lys Ile Glu Ser Gln Arg Asn Val Cys
 96 245 250 255
 97 Leu Leu Lys Thr Ser Glu Ser Gly Thr Pro Ser Ser Ser Thr Pro Gln
 98 260 265 270
 99 Glu Asn Thr Ile Ser Gly Tyr Ser Leu Leu Thr Cys Lys Arg Thr Leu
 100 275 280 285

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101 Pro Glu Pro Cys His Ser Lys Ile Tyr Pro Gly Val Asp Phe Gly Gly
102 290 295 300
103 Glu Glu Leu Asn Val Thr Phe Val Lys Gly Val Asn Val Cys Gln Glu
104 305 310 315 320
105 Thr Cys Thr Lys Met Ile Arg Cys Gln Phe Phe Thr Tyr Ser Leu Leu
106 325 330 335
107 Pro Glu Asp Cys Lys Glu Glu Lys Cys Lys Cys Phe Leu Arg Leu Ser
108 340 345 350
109 Met Asp Gly Ser Pro Thr Arg Ile Ala Tyr Gly Thr Gln Gly Ser Ser
110 355 360 365
111 Gly Tyr Ser Leu Arg Leu Cys Asn Thr Gly Asp Asn Ser Val Cys Thr
112 370 375 380
113 Thr Lys Thr Ser Thr Arg Ile Val Gly Gly Thr Asn Ser Ser Trp Gly
114 385 390 395 400
115 Glu Trp Pro Trp Gln Val Ser Leu Gln Val Lys Leu Thr Ala Gln Arg
116 405 410 415
117 His Leu Cys Gly Gly Ser Leu Ile Gly His Gln Trp Val Leu Thr Ala
118 420 425 430
119 Ala His Cys Phe Asp Gly Leu Pro Leu Gln Asp Val Trp Arg Ile Tyr
120 435 440 445
121 Ser Gly Ile Leu Asn Leu Ser Asp Ile Thr Lys Asp Thr Pro Phe Ser
122 450 455 460
123 Gln Ile Lys Glu Ile Ile His Gln Asn Tyr Lys Val Ser Glu Gly
124 465 470 475 480
125 Asn His Asp Ile Ala Leu Ile Lys Leu Gln Ala Pro Leu Asn Tyr Thr
126 485 490 495
127 Glu Phe Gln Lys Pro Ile Cys Leu Pro Ser Lys Gly Asp Thr Ser Thr
128 500 505 510
129 Ile Tyr Thr Asn Cys Trp Val Thr Gly Trp Gly Phe Ser Lys Glu Lys
130 515 520 525
131 Gly Glu Ile Gln Asn Ile Leu Gln Lys Val Asn Ile Pro Leu Val Thr
132 530 535 540
133 Asn Glu Glu Cys Gln Lys Arg Tyr Gln Asp Tyr Lys Ile Thr Gln Arg
134 545 550 555 560
135 Met Val Cys Ala Gly Tyr Lys Glu Gly Lys Asp Ala Cys Lys Gly
136 565 570 575
137 Asp Ser Gly Gly Pro Leu Val Cys Lys His Asn Gly Met Trp Arg Leu
138 580 585 590
139 Val Gly Ile Thr Ser Trp Gly Glu Gly Cys Ala Arg Arg Glu Gln Pro
140 595 600 605
141 Gly Val Tyr Thr Lys Val Ala Glu Tyr Met Asp Trp Ile Leu Glu Lys
142 610 615 620
143 Thr Gln Ser Ser Asp Gly Lys Ala Gln Met Gln Ser Pro Ala
144 625 630 635
146 <210> SEQ ID NO: 3
147 <211> LENGTH: 20
148 <212> TYPE: DNA
149 <213> ORGANISM: artificial sequence
151 <220> FEATURE:

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152 <223> OTHER INFORMATION: forward primer
154 <400> SEQUENCE: 3
155 cccttcaga aattggttgc 20
157 <210> SEQ ID NO: 4
158 <211> LENGTH: 20
159 <212> TYPE: DNA
160 <213> ORGANISM: artificial sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: reverse primer
165 <400> SEQUENCE: 4
166 tggcaaacatc cacatctgag 20
168 <210> SEQ ID NO: 5
169 <211> LENGTH: 25
170 <212> TYPE: DNA
171 <213> ORGANISM: artificial sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: probe
176 <400> SEQUENCE: 5
177 catgaacatc ttccagcatc ttgcg 25

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/588,234

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Input Set : A:\004974.01210 sequence listing.txt
Output Set: N:\CRF4\08112006\J588234.raw

L:10 M:270 C: Current Application Number differs, Replaced Current Application No
L:10 M:271 C: Current Filing Date differs, Replaced Current Filing Date